

(19) World Intellectual Property
Organization
International Bureau



19 JAN 2005



(43) International Publication Date
11 March 2004 (11.03.2004)

PCT

(10) International Publication Number
WO 2004/020735 A1

(51) International Patent Classification⁷: D21F 1/00, 7/00

(21) International Application Number:
PCT/FI2003/000627

(22) International Filing Date: 27 August 2003 (27.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
20021535 28 August 2002 (28.08.2002) FI

(71) Applicant (for all designated States except US): **METSO PAPER, INC.** [FI/FI]; Fabianinkatu 9 A, FIN-00130 HELSINKI (FI).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **SAKARI, Vesa** [FI/FI]; Papurikonkatu 11, FIN-28220 PORI (FI).

(74) Agent: **OY JALO ANT-WUORINEN AB**; Iso Roobertinkatu 4-6 A, FIN-00120 HELSINKI (FI).

(81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT (utility model), PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

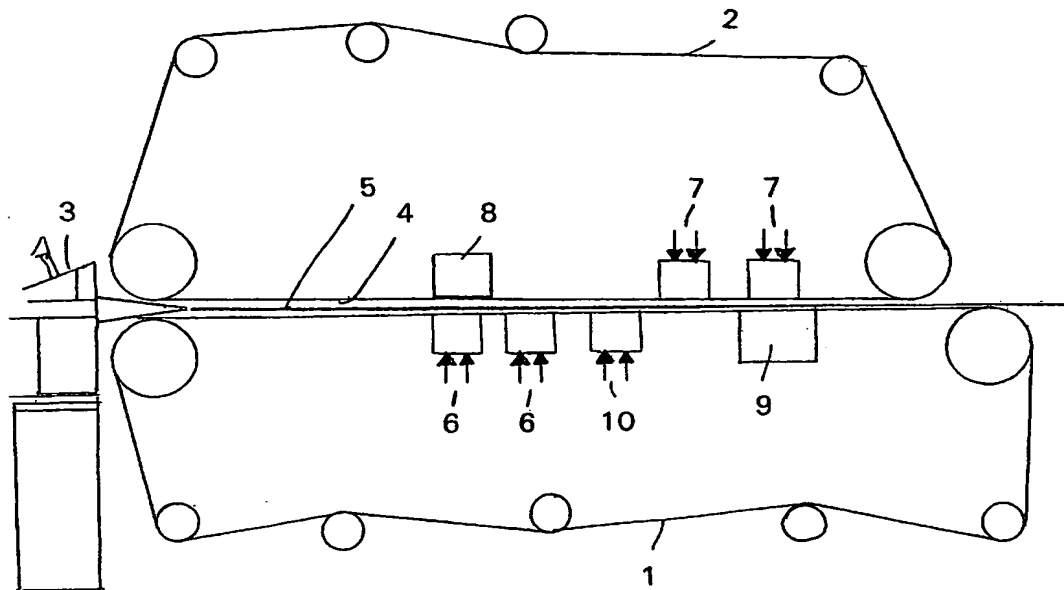
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR CONTROLLING THE TEMPERATURE OF A CELLULOSIC WEB ENTERING A DRYER



(57) Abstract: The invention relates to a method for controlling the temperature of a web (5), which is formed from cellulosic pulp and is to be passed to a dryer, by way of applying temperature-controlled liquid to the web. According to the invention, the thus formed web (5) is passed into a closed space (4) defined by two wires (1, 2) and side deckles, wherein temperature-controlled liquid (6, 7, 10) is applied at controlled pressure and flow rate through the wire (1, 2) to the web (5).

WO 2004/020735 A1